

APPENDIX C-3  
APPLICATION OF HARRINGTON ET AL. CLAIMS TO THE  
DISCLOSURE OF HARRINGTON ET AL. APPLICATION 09/253,022

Harrington et al. Claim 271

Harrington et al. Disclosure

A method to activate expression of an  
endogenous gene in an isolated eukaryotic  
cell comprising

Abstract  
10:1  
10:15-21  
37:5-6  
44:17-19, 26-28  
46:3-4

introducing a vector construct into said  
isolated eukaryotic cell,

Figures 1-4  
14:28-30  
34:3-4  
44:26-28  
47:16-22

said vector construct comprising in operable  
combination

Figures 1-4  
6:18-20  
28:19-30  
38:27-30  
30:1-32:7  
38:5  
38:27-39:11

1) a promoter;

36:22-24

2) an exon sequence located 3' from and  
expressed by said promoter

Figures 1-4  
28:19-30  
30:1-32.7  
38:5  
38:28-30

said exon being derived from a naturally  
occurring eukaryotic gene

Figure 1  
38:5-6

and not being a screenable marker gene; and

38:18-20  
39:18-20  
40:15-22  
41:10-15

3) a splice donor sequence defining the 3' region of said exon	38:18-20
said splice donor sequence being derived from a naturally-occurring eukaryotic gene;	39:22-27
wherein said vector construct is non-homologously incorporated into the genome of a said isolated eukaryotic cell	22:4-10 25:19-22 39:30-40:2
and said splice donor sequence of the transcript encoded by said exon is spliced to a splice acceptor sequence of said endogenous gene.	39:28-40:6